Index of Claims

| App | lication | /Control | No. |
|-----|----------|----------|-----|
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10/791,194

Examiner

Samuel M. Heinrich

Applicant(s)/Patent under Reexamination

HALL, FRANK L.

Art Unit

1725

| √ | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| CI    | aim      | n Date   |   |   |    | 1     | Claim Date |   |   |   |      |       |          | ٦.       | Claim Date    |               |          |            |  |                 |      |       |          | $\neg$    |          |           |                 |          |                 |           |                 |          |
|-------|----------|----------|---|---|----|-------|------------|---|---|---|------|-------|----------|----------|---------------|---------------|----------|------------|--|-----------------|------|-------|----------|-----------|----------|-----------|-----------------|----------|-----------------|-----------|-----------------|----------|
| - OI  |          | $\vdash$ | Ι |   |    |       | <u> </u>   | 1 |   |   | ł    |       |          |          |               |               |          | $\dashv$   | <del>                                     </del> |                 | Date |       |          |           |          |           |                 |          |                 |           |                 |          |
| Final | Original | 9/53/06  |   |   |    |       |            |   |   |   |      | Final | Original |          |               |               |          |            |  |                 |      | Final | Original |           |          |           |                 |          |                 |           |                 |          |
|       | 1        | 1        |   |   |    |       | Г          |   |   |   | ١.   |       | 51       |          | ı             |               |          |            |  |                 | 7.   |       | 101      |           |          |           | $\neg$          |          |                 |           | 一               |          |
|       | 2        | 1        |   |   |    |       |            |   |   |   | ľ    |       | 52       | П        |               |               |          |            |  |                 | 7    |       | 102      |           |          | $\neg$    |                 |          |                 |           | 1               |          |
|       | 3        | 1        |   |   |    |       |            |   |   |   |      |       | 53       |          |               |               |          |            |  |                 | 7    |       | 103      |           |          | $\neg$    |                 |          | T               |           | $\neg$          |          |
|       | 4        | 1        |   |   |    |       |            |   |   |   |      |       | 54       |          |               |               |          |            |  |                 | 7    |       | 104      |           |          | $\neg$    | $\neg$          |          |                 | T         |                 |          |
|       | 5        | V        |   |   | Г  |       | П          |   | П |   |      |       | 55       | П        |               | $\top$        |          | П          |  |                 | 7    |       | 105      |           |          |           | $\neg$          |          | $\neg$          | 一         | 寸               |          |
|       | 6        | 1        |   |   |    |       |            |   | П |   |      |       | 56       |          |               |               |          |            |  |                 | 7    |       | 106      |           |          | 1         |                 |          |                 | 一         |                 |          |
|       | 7        |          |   | П |    |       | П          | 1 |   | _ | 1 ,, |       | 57       | П        | T             |               |          |            |  |                 | ٦.   |       | 107      |           |          | 1         |                 |          |                 |           | $\exists$       |          |
|       | 8        |          |   |   |    |       | П          |   |   |   | 1    |       | 58       |          | 1             | _             |          | П          |  |                 | 7    |       | 108      |           | T        | T         | T               |          |                 | 一         | 一               |          |
|       | 9        |          |   | П |    |       | П          |   |   |   |      |       | 59       |          |               |               |          |            |  |                 | ٦    |       | 109      |           |          |           | 丁               |          |                 | $\neg$    |                 |          |
|       | 10       |          |   |   |    |       |            | Ì |   |   |      |       | 60       |          |               |               |          |            |  |                 | 7    |       | 110      |           |          |           | $\neg$          | コ        | $\neg$          | ヿ         | ╛               |          |
|       | 11       |          |   |   |    |       |            |   |   |   |      |       | 61       |          |               |               |          |            |  |                 | 7    |       | 111      |           | T        |           |                 |          |                 | 一         | $\neg$          |          |
|       | 12       |          |   |   |    |       |            |   |   |   | ,    |       | 62       | П        |               |               |          |            |  |                 | ٦.   | :     | 112      |           |          | $\neg$    |                 | T        |                 |           |                 |          |
|       | 13       |          |   |   |    |       |            |   |   |   |      |       | 63       | П        | $\neg \vdash$ |               |          |            |  |                 | 7    |       | 113      |           |          | $\exists$ | ヿ               |          |                 |           | ┪               |          |
|       | 14       |          |   |   |    |       |            |   |   |   |      |       | 64       | П        |               |               |          |            |  |                 | ٦.   |       | 114      |           |          |           | T               | T        | $\neg \neg$     |           |                 |          |
|       | 15       |          |   |   |    |       |            |   | П |   | lig. |       | 65       |          |               |               |          | П          |  |                 |      |       | 115      |           | $\neg$   | T         | T               | 一        |                 |           |                 |          |
|       | 16       |          |   |   |    |       |            |   | П |   | H    |       | 66       | П        |               |               |          |            |  |                 | 1    |       | 116      |           | $\neg$   | T         |                 |          |                 | ヿ         |                 |          |
|       | 17       |          |   |   |    |       |            |   |   |   | 1    |       | 67       |          |               | $\neg \vdash$ |          | П          |  |                 | 1    |       | 117      |           |          | T         |                 |          |                 |           | 7               |          |
|       | 18       |          |   |   |    |       |            |   |   |   | 1    |       | 68       |          |               | 1             |          | П          |  |                 |      |       | 118      |           | 1        |           | 一               | $\neg$   |                 |           | 7               |          |
|       | 19       |          |   |   |    |       |            |   |   |   |      |       | 69       |          |               |               |          | П          |  |                 | 1    |       | 119      |           | $\top$   | T         | T               | 寸        |                 |           | $\neg \uparrow$ |          |
|       | 20       |          |   | Г |    |       | Γ          |   |   |   |      |       | 70       | П        |               |               |          | П          |  |                 | 7    |       | 120      |           | T        | T         | T               | T        |                 | ヿ         | $\neg$          |          |
|       | 21       |          |   |   |    |       | Γ          |   |   |   | 1    |       | 71       | $\Box$   |               |               | 1        |            |  |                 | 7    |       | 121      |           | 7        | $\dashv$  |                 |          |                 | コ         | $\neg$          |          |
|       | 22       |          |   | Г | Г  |       |            |   |   |   |      |       | 72       |          |               | _             |          | П          |  |                 | ٦,   |       | 122      | T         | $\neg$   | $\neg$    | T               | 一        |                 |           | 7               |          |
|       | 23       |          |   | П |    |       |            |   |   |   | 1    |       | 73       |          |               |               |          | П          |  |                 | 1    |       | 123      |           | 十        | 1         | 寸               | T        |                 | T         | 寸               | $\neg$   |
|       | 24       |          |   | П |    |       |            |   |   |   |      |       | 74       |          |               |               |          |            |  |                 | 1    |       | 124      |           |          | T         | ヿ               | T        | ヿ               |           | 寸               |          |
|       | 25       |          |   |   |    |       | Г          |   |   |   |      |       | 75       | $\Box$   |               |               |          |            |  |                 | ٦.   |       | 125      |           | $\top$   | 1         |                 | T        |                 |           | 寸               |          |
|       | 26       |          |   |   |    |       |            |   |   |   | 1    |       | 76       |          | Ī             | 1             |          |            |  |                 | 7 -  |       | 126      |           | Ť        | T         | ヿ               | ヿ        | $\neg \uparrow$ | $\neg$    |                 |          |
|       | 27       | Τ        |   |   |    |       |            |   |   |   | ١.   |       | 77       | $\Box$   | T             |               |          |            |  |                 | 1    |       | 127      |           | _        | 7         | T               | 寸        |                 | 寸         | 寸               |          |
|       | 28       | Γ        |   |   |    |       |            |   |   |   | ١.   |       | 78       | П        | T             | $\top$        | T        |            |  |                 | 1    |       | 128      |           |          | 7         | T               | 一        |                 |           | $\neg$          |          |
|       | 29       |          |   |   |    |       |            |   |   |   | 1    |       | 79       |          |               |               |          |            |  |                 | 1    |       | 129      |           | T        | T         | 寸               | $\neg$   |                 |           | T               |          |
|       | 30       |          |   |   |    |       |            |   |   |   | ١.   |       | 80       |          |               |               | Т        | П          |  |                 | 7    |       | 130      |           |          |           | $\neg \uparrow$ | $\neg$   | 一               | 寸         | 一               |          |
|       | 31       |          |   |   |    |       |            |   |   |   |      |       | 81       | П        | $\neg$        | $\top$        | Т        |            |  |                 | 1    |       | 131      |           |          |           | 一               | $\neg$   |                 | 寸         |                 |          |
|       | 32       |          |   | Г | T  |       |            |   |   |   |      |       | 82       |          | $\neg$        | $\top$        |          |            |  |                 | 1    |       | 132      | $\Box$    |          |           |                 | 一        |                 | $\neg$    | $\neg$          |          |
|       | 33       |          |   |   |    |       |            |   |   |   | ١.   |       | 83       |          |               | $\top$        |          | П          |  |                 | ٦    |       | 133      |           | T        | 7         | 寸               | _        |                 | 寸         |                 |          |
|       | 34       |          |   | Γ | Г  |       |            |   | П |   | ŀ    |       | 84       | П        |               | 1             |          | $  \neg  $ |  | $\neg \uparrow$ | 7    |       | 134      | $\vdash$  | $\top$   | $\dashv$  | 寸               |          | $\neg$          | $\dashv$  |                 |          |
|       | 35       |          |   |   |    |       |            |   | П |   | 1    |       | 85       |          |               | $\top$        | Т        | П          |  |                 | 7    |       | 135      |           | 一        | 7         | $\neg$          | $\dashv$ |                 | $\dashv$  | $\neg$          |          |
|       | 36       |          |   |   |    |       | Γ          |   | П |   |      |       | 86       | $\Box$   | $\neg$        | $\top$        | T        | $\Box$     |  |                 | ٦.   |       | 136      |           |          | 7         | $\neg$          | $\dashv$ | $\neg$          | $\dashv$  | 一               |          |
|       | 37       |          |   |   |    |       |            | 1 | П |   | 1.   |       | 87       | $\Box$   | $\neg$        | $\top$        | T        | П          |  | $\top$          | ٦    |       | 137      | П         | $\top$   | 7         | 寸               | $\dashv$ | $\neg$          | $\exists$ | 寸               |          |
|       | 38       |          |   | Γ | П  |       | П          |   |   |   | ļ ;  |       | 88       | П        |               | $\top$        | $\Box$   |            |  |                 | 1    |       | 138      |           | $\neg$   | $\dashv$  | $\dashv$        | _        | $\dashv$        | 一         | _               | _        |
|       | 39       |          |   |   |    |       |            |   | П |   |      |       | 89       | П        | $\neg$        | $\top$        | Т        | $\Box$     |  |                 | 1    |       | 139      |           | $\neg$   | 寸         | 寸               | $\neg$   | $\neg$          | $\dashv$  | 寸               |          |
|       | 40       | Г        |   | Γ | Г  | $I^-$ | Γ          |   | П |   | 1    |       | 90       | $\sqcap$ | $\dashv$      | $\top$        | $\top$   | $\sqcap$   |  | $\neg \vdash$   | 7    |       | 140      | П         | $\dashv$ | _         | $\dashv$        | $\dashv$ |                 |           | $\dashv$        |          |
|       | 41       |          |   |   |    |       | П          | П |   |   | 1    |       | 91       | П        | $\neg$        | $\top$        |          | П          |  |                 | 7    |       | 141      | П         | $\top$   | $\dashv$  | $\neg$          | _        | $\dashv$        |           | _               | $\neg$   |
|       | 42       |          |   |   | T- |       |            | Π | П |   | 1    |       | 92       | П        | $\neg$        | $\top$        |          | П          |  |                 | 1    |       | 142      |           | $\dashv$ | ヿ         | $\dashv$        | $\neg$   | $\dashv$        | 一         | $\neg$          |          |
|       | 43       | Γ        |   |   |    |       | Π          | T |   |   | 1    |       | 93       | П        |               | $\neg$        |          | П          |  | $\top$          | 7    |       | 143      | $\Box$    | $\top$   |           | 寸               | 寸        | $\neg$          | 寸         | 寸               |          |
|       | 44       |          |   |   |    |       |            |   |   |   | 1    |       | 94       | П        | $\neg$        | 1             | $\vdash$ | Ħ          |  |                 | 1    |       | 144      | $\exists$ | $\dashv$ | $\dashv$  | $\neg$          | 一        | _               | $\dashv$  | 7               |          |
|       | 45       |          |   |   |    |       |            | Ī | П | _ | 1    |       | 95       | П        |               |               | П        | $\Box$     |  | $\top$          |      |       | 145      |           | $\dashv$ | $\dashv$  | _               | _        |                 | -+        | $\dashv$        |          |
|       | 46       |          |   |   |    |       |            |   | П |   |      |       | 96       |          | $\neg$        |               |          | $\Box$     |  |                 |      |       | 146      |           | $\top$   | $\dashv$  | $\dashv$        | T        | $\dashv$        | $\neg$    | _               |          |
|       | 47       |          |   |   |    |       | Γ          | П | П |   |      |       | 97       | $\Box$   | $\neg$        |               |          | $\vdash$   |  | $\top$          | Τ.   |       | 147      | $\Box$    | $\dashv$ | $\dashv$  | _               | $\neg$   | $\neg$          |           | $\dashv$        |          |
|       | 48       |          |   |   |    |       | _          | Γ | П |   |      |       | 98       |          | $\dashv$      | $\top$        | $\Box$   | $\Box$     |  | $\top$          | 1    |       | 148      | $\Box$    | 十        | 7         | -+              | _        |                 |           | _               |          |
|       | 49       |          |   |   |    |       | <u> </u>   | Π | П |   |      |       | 99       | $\Box$   | 1             | 1             |          |            | $\neg$   | o               | 1    |       | 149      |           | $\dashv$ | $\dashv$  | $\dashv$        | $\neg$   |                 |           | +               | $\dashv$ |
| Ĺ     | 50       |          |   |   |    |       |            |   | П |   |      |       | 100      | $\Box$   | $\neg$        |               |          |            |  | $\neg$          | 7    |       | 150      | $\Box$    | T        | $\dashv$  | $\dashv$        | $\dashv$ | 一               |           | _               |          |